

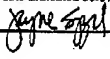
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	§	Art Unit No.: 1775
Nigel Griffin, et al.	§	
Serial No.: 10/604,007	§	Examiner: Turner
Filed: June 20, 2003	§	
For: Polycrystalline Diamond Partially Depleted	§	Docket No.: 78.1081-0.6
Of Catalyzing Material	§	

VIA FAX: (703) 872-9310

June 7, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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6/7/04	
Date	Signature

Dear Sir:

Attached in connection with the above-captioned application are:

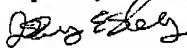
1. Transmittal Letter
2. Information Disclosure Statement
3. PTO/SB/08A *Information Disclosure Statement By Applicant*

This is a continuation of U.S. Patent Application Serial No. 09/682,042, filed July 13, 2001. Copies of the patents in this Information Disclosure Statement are included in that case file.

Please deduct the fee of \$180.00 for submission of an Information Disclosure Statement under 37 CFR 1.17(p) from Deposit Account No. 180584.

Also, the Commissioner is hereby authorized to charge any additional fees that may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment, to Deposit Account No. 180584.

Respectfully submitted,



Jeffery E. Daly
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Customer No. 26932

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JUN 07 2004

OFFICIAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Nigel Griffin, et al.

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Art Unit No.: 1775

Serial No.: 10/604,007

Examiner: Turner

Filed: June 20, 2003

For: Polycrystalline Diamond Partially Depleted
Of Catalyzing Material

Docket No.: 78.1081-06

June 7, 2004

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

CERTIFICATE OF MAILING

37 C.F.R. 1.10

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6/7/04

Date

Signature


*Jayne Spil*INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the references listed on the attached Form PTO/SB/08A be considered by the Examiner and made of record. Copies of the listed references are included in the parent case, US Patent Application Serial No. 09/682,042, filed July 13, 2001.

In accordance with 37 C.F.R. § 1.97(g), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined 37 C.F.R. § 1.56(b) exists. Furthermore, pursuant to 37 C.F.R. § 1.97(h), the filing of this statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is filed in accordance with 37 C.F.R. 1.97 (b). The Commissioner is hereby authorized to charge the \$180 fee under 37 CFR 1.17(p), and any additional fees that may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment, to Deposit Account No. 180584. If there are any questions concerning the above, please contact the undersigned at (832) 681-8623.

Respectfully submitted,



Jeffery E. Daly
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PTQ/SB/08A (08-00)

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Substitute for form 1449A/PTD

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheat

of

Complete If Known

Application Number	10/804.007
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Filing Date	6/20/2003
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First Named Inventor	Griffin et al
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Group Art Unit	
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Examiner Name	
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Attorney Docket Number	78-1081-D.B.
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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Relevant Paragraph or Relevant Figure Refer
		Number	Kind Code (if known)			
		4,560,014		Gezcy	12/24/1985	
		4,570,728		Hall	02/19/1986	
		4,572,722		Dyer	02/25/1986	
		4,605,343		Hibbs Jr et al	08/12/1986	
		4,608,738		Hayden	08/19/1986	
		4,621,031		Sorugga	11/04/1986	
		4,636,253		Nakai et al	01/13/1987	
		4,645,877		Kurokawa et al	02/24/1987	
		4,582,348		Hall et al	05/05/1987	
		4,664,705		Horton et al	05/12/1987	
		4,670,025		Pipkin	06/02/1987	
		4,707,384		Schachner et al	11/17/1987	
		4,726,718		Meskin et al	02/23/1988	
		4,766,040		Hillert et al	08/23/1988	
		4,776,661		Fruhhour	10/11/1988	
		4,792,001		Zisling	12/20/1988	
		4,793,828		Bumand	12/27/1988	
		4,797,241		Peterson et al	01/10/1989	
		4,802,539		Hall et al	02/07/1989	
		4,807,402		Rai	02/28/1989	

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/BB/CBA (08-00)

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/604,007
		Filing Date	8/20/2003
		First Named Inventor	Griffin et al
		Group Art Unit	
		Examiner Name	
Sheet	4	of	6
		Attorney Docket Number	78.1081-0.8

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	U.S. Patent Document Number Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appar.
		5,238,074	Tibbitts	08/24/1993	
		5,264,283	Waldenstrom	11/23/1993	
		5,337,844	Tibbitts	08/18/1994	
		5,379,853	Lockwood	01/10/1995	
		5,439,492	Anthony et al	08/08/1995	
		5,464,088	Najafi-Sani	11/07/1995	
		5,468,283	Tank et al	11/21/1995	
		5,496,638	Waldenstrom	03/05/1996	
		5,505,748	Tank et al	04/09/1996	
		5,510,193	Carutti et al	04/23/1996	
		5,523,121	Anthony et al	08/04/1996	
		5,624,719	Dennis	08/11/1996	
		5,569,716	Tank et al	10/01/1996	
		5,607,024	Keith et al	03/04/1997	
		5,620,382	Cho et al	04/15/1997	
		5,624,068	Waldenstrom et al	04/29/1997	
		5,687,028	Truax et al	09/16/1997	
		5,718,948	Ederud et al	02/17/1998	
		5,722,489	Nguyen et al	03/03/1998	
		5,776,615	Wing et al	07/07/1998	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document Office ¹ Number ²	Kind Code ³ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appar.
		EP 0300699	A2	Smith International Inc.	01/25/1989	
		EP 0329954	B1	General Electric Company	08/18/1993	
		EP 0500253	B1	Sumitomo Electric	11/12/1997	
		EP 0595630	B1	CSIR	01/07/1998	
		EP 0595631	B1	CSIR	04/09/1997	
		EP 0812866	B1	Sumitomo Electric	07/22/1998	
		EP 0617207	A1	DeBeers Industrial	08/28/1994	
		EP 0787620	A2	Saint-Gobain/Norton	08/06/1997	
		EP 0860515	A1	DeBeers Industrial	08/28/1998	
		UK 2048927	A	DeBeers Industrial	12/17/1980	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

† Unique citation designation number. † See attached Kinds of U.S. Patent Documents. † Enter Office that issued the document, by the two-letter code (WIPO Standard 67.3). † For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. † Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. † Applicant is to place a check mark here if English language Translation is attached.

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